

## BERESKIN &amp; PARR

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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>	<b>Attorney Docket Number</b>	9351-21/HSF
	<b>First Named Inventor</b>	Cargnelli et al.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	09 / 628,929
	<b>Filing Date</b>	July 28, 2000
	<b>Group Art Unit</b>	n/a
<input type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
<b>Examiner Name</b>		n/a

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR HUMIDIFICATION AND TEMPERATURE CONTROL OF  
INCOMING FUEL CELL PROCESS GASthe specification of which  
☐ is attached hereto  
OR  
☒ was filed on (MM/DD/YYYY) July 28, 2000 as United States Application Number or PCT International

Application Number 09/628,929 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☒ Customer Number **1059**

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Daniel R. Bereskin	22,257	H. Samuel Frost	31,696
Richard J. Parr	22,836	Philip Mendes da Costa	33,106
H. Roger Hart	26,426	Robert B. Storey	33,108
David W.R. Langton	27,747	John R. Rudolph	38,003
C. Lloyd Sarginson	29,245	Robin L.A. Coster	38,016
Timothy J. Sinnott	31,083	Michael E. Charles	38,036

☒ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

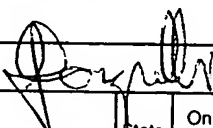
Direct all correspondence to: ☒ Customer Number or Bar Code Label **1059** OR ☐ Correspondence address below

Name	Bereskin & Parr				
Address	Box 401				
Address	40 King Street West				
City	Toronto	State	Ontario	ZIP	M5H 3Y2
Country	Canada	Telephone	(416) 364-7311	Fax	(416) 361-1398

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle if any)		Family Name or Surname	
Joe		Cargnelli	
Inventor's Signature			Date
Residence: City		State	Country
Toronto		Ontario	Canada
Post Office Address		Citizenship	
18 Fairhaven Drive		Canadian	
Post Office Address		same	
City	State	ZIP	Country
Toronto	Ontario	M9P 2P6	Canada

☒ Additional inventors are being named on the <sup>x</sup> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

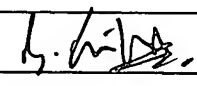
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## DECLARATION

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Ravi B.				Gopal			
Inventor's Signature				Date	27 Sept 2000		
Residence: City	Toronto	State	Ontario	Country	Canada	Citizenship	Canadian
Post Office Address	53 Sunray Crescent						
Post Office Address	same						
City	Toronto	State	Ontario	ZIP	M3M 2C6	Country	Canada
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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2005100613300 022802



ASSIGNMENT

WHEREAS WE, JOE CARGNELLI and RAVI B. GOPAL, whose full post office addresses are 18 Fairhaven Drive, Toronto, Ontario, Canada M9P 2P6 and 53 Sunray Crescent, Toronto, Ontario, Canada M3M 2C6 have invented certain new and useful improvements in an invention entitled METHOD AND APPARATUS FOR HUMIDIFICATION AND TEMPERATURE CONTROL OF INCOMING FUEL CELL PROCESS GAS for which an application for United States Letters Patent was filed on July 28, 2000, serial no. 09/628,929, under the above title,

AND WHEREAS HYDROGENICS CORPORATION, a corporation of 100 Caster Avenue, Woodbridge, Ontario, Canada L4L 5Y9, has acquired from us our whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

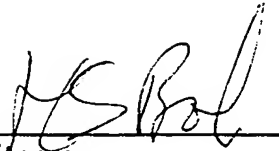
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, JOE CARGNELLI and RAVI B. GOPAL, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said HYDROGENICS CORPORATION, our full and exclusive right to the said invention in the United States of America and all other countries and our entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and our entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

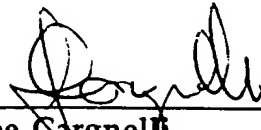
We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said HYDROGENICS CORPORATION, the assignee of our entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

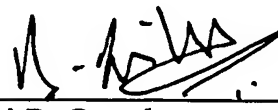
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EXECUTED this 27 day of September, 2000, at Wesley Ontario.

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Joe Cargnelli

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Ravi B. Gopal

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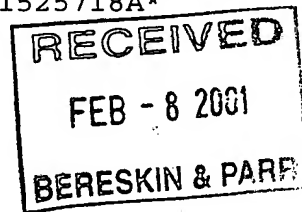
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FEB - 8 2001



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FEB 7 2001

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RECORDATION DATE: 11/17/2000

REEL/FRAME: 011257/0834  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CARGNELLI, JOE

DOC DATE: 09/27/2000

ASSIGNOR:

GOPAL, RAVI B.

DOC DATE: 09/27/2000

ASSIGNEE:

HYDROGENICS CORPORATION  
5985 MCLAUGHLIN ROAD  
MISSISSAUGA, ONTARIO, CANADA

L5R 1B8

SERIAL NUMBER: 09628929  
PATENT NUMBER:

FILING DATE: 07/28/2000  
ISSUE DATE:

011257/0834 PAGE 2

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